

Asbestos

Asbestos is a mineral with long, thin fibrous crystals. Its strength and unique properties made it an ideal material for insulation, fireproofing, low electrical conductivity and imperviousness to corrosion. Epidemiological studies made in the second half of the twentieth century found that asbestos exposure resulted in several life threatening diseases including asbestosis and mesothelioma. This led to the passage of several asbestos related laws, both at the federal and state level. The U.S. EPA and IDEM are responsible for the protection of the environment concerning asbestos. For information concerning OSHA and IOSHA asbestos safety regulations, contact the Safety Officer.

Construction projects may involve exposure to asbestos with either building or bridge renovation/demolition or burning. Asbestos material has been found in approximately 20% of all buildings. It is most likely to occur in buildings built between 1950 and 1975. It was used for surfacing materials, thermal system insulation and other miscellaneous uses. The presence of asbestos in INDOT bridges occurs at a much lower percentage. When it is present, it is most commonly found on utilities, gunnite, various joints, and bridge seats.

INSPECTION

Prior to demolition or renovation of INDOT owned buildings/bridges, INDOT will have an Asbestos Accredited Building Inspector do the following:

1. Investigate and sample for asbestos;
2. Estimate the amount of asbestos containing material present;
3. Identify abatement/removal measures and costs.

This information (except for removal costs) will be provided to prospective bidders during the project letting. **Trailers and small drainage structures (<20' in length) are not regulated under these rules.**

EXEMPT STRUCTURES

Certain types of constructions are exempt from the inspection requirement and the notification provisions. These include small constructions such as livestock barns, outhouses, vegetable/fruit stands, prefab sheds, smokehouses, and similar structures. These constructions are exempt if they meet **all** of the following criteria: **the construction must contain only materials such as wood, stone brick, metal and glass.** The construction **cannot** have improvements (water, sewer, electricity, insulation, etc.) and **cannot** contain any suspected asbestos containing materials.

Demolition and renovation of single isolated residential buildings are not regulated under the National Emission Standards for Hazardous Air Pollutants (NESHAP). Therefore, residential structures that do not share property lines and are separated by several blocks (more than two) are exempt from inspection, demolition notification, and abatement. Should you have additional questions regarding the above please contact the Environmental Services Section at 233-2050.

REGULATED ASBESTOS CONTAINING MATERIAL

Regulated asbestos containing material is defined by IDEM as meaning the following:

- (A) Friable asbestos material
- (B) Category I nonfriable asbestos containing material that has become friable
- (C) Category I nonfriable asbestos containing material that will be or has been subjected to sanding, grinding, cutting, abrading, burning, or
- (D) Category II nonfriable asbestos containing material that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations
- (E) **Regulated asbestos containing material *does not include* nonfriable asbestos containing resilient floor covering materials unless the materials are sanded, beadblasted, or mechanically pulverized so that visible asbestos emissions are discharged or the materials are burned. Resilient floor covering materials include the following:**
 - (I) sheet vinyl flooring
 - (ii) resilient tile
 - (iii) associated adhesives

NOTIFICATION

All demolition projects, regardless of the presence or not of asbestos must be reported to IDEM's Office of Air Management at least 10 working days (Monday through Friday) prior to demolition. In Marion County, the Indianapolis Air Pollution Control Division must also be contacted. Demolition is defined as the removal of buildings or bridges, or the removal of supporting beams, walls, or structures. (Redecking is not considered a demolition.)

Renovation projects, the modifying of any existing structure, require notification to IDEM's Office of Air Management at least 10 working days prior to renovation if:

- **\geq 260 linear feet, 160 square feet, or 35 cubic feet of regulated asbestos containing material that is to be stripped, removed, dislodged, cut, drilled or disturbed.**
- **< 260 linear feet, 160 square feet, or 35 cubic feet of regulated asbestos containing material is to be stripped, removed, dislodged, cut, drilled, or disturbed, no notification is required.**
- **Marion County only - \geq 25 linear feet and 15 square feet (Notify Indianapolis Air Pollution Control Division).**

Notification must be done for each structure, not by parcels. Each structure requires its own notification. However, you may put up to 10 structures on one notification. House trailers are not regulated, therefore they require no notification.

Either the demolition contractor or the project engineer may legally sign the IDEM notification. (See Power of Attorney documents) INDOT is the owner while the demolition/removal contractor would be the operator. To protect INDOT, it is essential that the

project engineer obtain a copy of the certified mail return receipt or verification of hand delivery of IDEM's *Notification of Demolition and Renovation Operations* prior to allowing the work to begin (see attached copy of the Notification). The project engineer must also ensure that the work occurs on the date scheduled on the Notification, and that the required 10 days notice has been followed. If there is to be a revision in the amounts of regulated asbestos containing material or a change in the work date, then IDEM must be notified of this at least **5 working days by mail or 2 working days by fax or 2 working days by hand delivery prior to the work**. Verification of this should be required of the contractor by the project engineer. Notification to INDOT does not constitute notification to IDEM.

REMOVAL

Written notice to demolish or renovate must be provided to IDEM as per the NOTIFICATION section above. **No regulated asbestos containing material removal work or demolition activities can begin on a date other than the start date on the most recent notification.** The start date of the project is when stripping/removal of regulated asbestos containing material will take place. **Transite removal does not require removal by an asbestos contractor licensed/accredited by IDEM as long as it is removed in such a way as to not render it friable. The material, however, will need to go to a special waste landfill. Should it become friable, it then becomes regulated, requiring an asbestos contractor licensed/accredited by IDEM if the amount of regulated asbestos containing material exceeds the amount described below in an asbestos removal project.** The following work practices must be used to prevent emissions of particulate asbestos material to the outside air for **asbestos removal projects*: (326 IAC 14-10)**

1. Friable asbestos containing material shall be removed from a facility being demolished or renovated before any wrecking or dismantling takes place.
2. Friable asbestos containing material shall be adequately wetted to prevent emissions to the outside air.
3. After wetting, all asbestos containing waste material shall be sealed in leak tight packaging while wet and shall be labeled and disposed of properly.
4. For any stripped or removed friable asbestos containing materials that are left at the facility or stored elsewhere prior to disposal, store such material in a secure manner so that it cannot be vandalized or otherwise disturbed.
5. Asbestos removal projects must be implemented by asbestos contractors licensed/accredited by IDEM. (326 IAC 18-3)

*** An asbestos removal project means all activities involving the abatement, encapsulation, enclosure, renovation, repair, removal by accredited individuals, storage, stripping, dislodging, cutting or drilling that result in the disturbance of the following:**

1. **At least three (3) linear feet of regulated asbestos containing material on the facility.**
2. **At least three (3) square feet of regulated asbestos containing material on the facility.**

3. A total of at least seventy-five hundredths (0.75) cubic feet of regulated asbestos containing material on the facility.

These activities include, but are not limited to:

Work area preparation

Implementation of engineering controls and work practices

Work area decontamination activities

NOTE: For asbestos removal projects, 'minimal amounts' are for all of the buildings to be demolished/removed in a project, not just in one building. For example, if a road project included the demolition of 4 houses, you must total all of the regulated asbestos containing material on all four of the buildings to be demolished. Only if this total amount is *less than* the above amounts would the project *not* be considered an asbestos removal project.

BRIDGE ASBESTOS REMOVAL

There are several locations within a bridge structure that cannot be accessed by INDOT bridge inspectors. These locations could contain possible suspect asbestos containing material. Because of this situation, the following procedure is to be implemented during demolition/maintenance activities when suspected Regulated Asbestos Containing Material (RACM) is exposed that was not accessible during the asbestos inspection. Any suspected material that is friable (can be crumbled/pulverized by hand pressure alone) will need to be sampled. RACM need not be removed before demolition if it was not accessible for testing and was, therefore, not discovered until after demolition began and, as a result of the demolition, the material cannot be safely removed. The contractor shall be required to discontinue demolition or renovation activities and contact an accredited asbestos inspector. The asbestos inspector shall evaluate and sample the suspect material for the presence of asbestos. The sampled suspect material shall be set aside and kept protected and wet until results are known. If sampling and testing prove positive for the presence of asbestos, the exposed RACM and any asbestos contaminated debris must be treated as asbestos containing waste material and adequately kept wet at all times until disposed of by an accredited contractor. Proper disposal of this material shall be performed and a change order executed for the additional cost. This situation will be identified by a special provision.

Note: If a utility chooses to remove asbestos from lines that run through, in, or around an INDOT structure, they are required to abide by the above laws and regulations as INDOT.

ORDERED DEMOLITION

Ordered demolitions involve the demolition of facilities under order of a state or local governmental agency, issued because the facility is both structurally unsound and in danger of imminent collapse. Structures that are merely attractive nuisances are not considered ordered demolition under IDEM's rules. Under an ordered demolition, IDEM must be provided the following information:

1. Name, title, and authority of the state or local governmental representative who has ordered the demolition.

2. The authority is the applicable state or local regulation under which the demolition order has been issued.
3. Attach a copy of the demolition order to the notice.

Notification for an ordered demolition must be done as early as possible prior to demolition. In Marion County also notify the Indianapolis Air Pollution Control Division prior to removal.

In addition, an inspector is required to walk through and sample any rubble that is suspected asbestos containing material. Should lab analysis indicate the material is asbestos, it should be disposed of in a state approved landfill.

DEMOLITION/RENOVATION

The Project Engineer should allow no demolition work to occur on a building, bridge, or structure until the regulated asbestos containing material has been properly removed. **No regulated asbestos containing material removal work or demolition activities can begin on a date other than the start date on the most recent notification.** The asbestos removal contractor must be accredited and use only accredited asbestos removal workers for an asbestos removal project (see definition above of an asbestos removal project). An accredited asbestos removal project supervisor must be present for the removal of all regulated asbestos containing material. The following types of asbestos containing materials **do not have to be removed prior to demolition:**

1. **Category I nonfriable asbestos containing material that is not in poor condition, is not friable, and will not become friable during demolition. Poor condition is defined as peeling, cracking, chipping, or losing its physical integrity.**
2. **Category II nonfriable asbestos containing material with a low probability of becoming crumbled, pulverized, or reduced to powder during demolition and is kept adequately wet whenever exposed during demolition.**
3. **Material not accessible for testing, and therefore not discovered until after demolition began, and as a result of the demolition, the material could not be safely removed. The contractor shall be required to discontinue demolition or renovation activities and contact an accredited asbestos inspector. The asbestos inspector shall evaluate and sample the suspect material for the presence of asbestos. The sampled suspect material, shall be set aside and kept protected and wet until results are known. If sampling and testing prove positive for the presence of asbestos, the exposed RACM and any asbestos contaminated debris must be treated as asbestos containing waste material and adequately kept wet at all times until properly disposed of at an appropriate waste disposal site. Proper disposal of this material shall be performed and a change order executed for the added cost. This situation is identified in special provisions.**

4. It is on a facility component that is encased in concrete or similarly hard material.

When moving or relocating a building, IDEM requires the same compliance procedures that would be required if the building were to be demolished. Only those regulated asbestos containing materials that would be disturbed such that they become friable by the move need be removed. For example, remove all regulated asbestos containing materials in the basement, floor joists, etc. Remember, **trailers are not regulated under these rules.**

BURNING

If a building is to be demolished by intentional burning, **all** asbestos containing materials including Category I and II non-friable asbestos containing material **must be removed** prior to burning. Asbestos containing material may not be burned. The removal and disposal must meet the appropriate regulations. If a local fire department requests that a building INDOT is intending to demolish be used for fire training purposes, then the fire department should be required to follow the appropriate asbestos notification/ removal/disposal regulations and provide proof of such to INDOT prior to burning the building. Since INDOT would still be the owner of the building, ultimately it is INDOT's responsibility to ensure that all regulations are met. Remember that an open burning variance must be obtained from IDEM prior to burning. See the Burning Section for detailed information and a copy of the Request for Variance Form.

DISPOSAL

All regulated asbestos containing material is considered special waste and must be packaged and labeled properly prior to disposal. It must be placed in leak-tight packaging that may be comprised of several layers. This packaging may be air-tight drums of metal, plastic, or fiber. The following labels must be attached to the packaging:

generator/operator label
transporter label
DOT marking stating - **A R.Q. Asbestos NA2212** ≡
OSHA label stating -
DANGER
CONTAINS ASBESTOS FIBERS
AVOID CREATING DUST
CANCER AND LUNG DISEASE HAZARD

Regulated asbestos containing material must be disposed of at specific landfill with a Variable Source Asbestos Approval (see attached listing). These landfills can accept the following regulated asbestos containing material without having to obtain case-by-case approval from IDEM:

1. Properly wetted, bagged, and labeled asbestos (40 CFR 61.145 and 40 CFR 61.150 (a)).

2. Transite and other Category II non-friable asbestos that is labeled and covered with a minimum of 6 inches of solid waste before compaction.
3. Asbestos encased in concrete or metal (such as furnaces and fire safes) and covered with a minimum of 6 inches of solid waste before compaction.
4. Friction products such as brake linings, clutch facings, etc.

If the contractor wishes to use a sanitary landfill not on the Variable Source Asbestos Approval list, then prior approval via a written request to IDEM is required. The generator may obtain approval via the Office of Solid and Hazardous Waste with a request containing the following information:

1. Generator's name, address, and telephone number.
2. Transporter's name, address and telephone number.
3. The proposed sanitary landfill and county which will receive the waste (prior contact with the landfill is recommended).
4. Accurate description of the waste material;
 - a. Location of demolition or renovation project.
 - b. Source of material such as piping, boilers, etc.
 - c. Volume/amount of waste materials.
 - d. Frequency of necessary disposal.

An *Asbestos Waste Shipment/Disposal Record* should accompany each load for disposal. This form, including instructions, is included in this manual. A description of the work site and an emergency response telephone number should be included. The waste disposal site completes their portion of the record and must send a copy to the generator/operator (INDOT). If you do not receive a completed copy of this record within 35 days of acceptance of the waste by the initial transporter, contact the transporter and/or the waste disposal site to determine the status of the asbestos sent for disposal. The transporter and/or the waste disposal site have 10 days to respond. If not, file a written exception report of IDEM's Office of Air Management's Asbestos Section. The report must include a copy of the record, a letter explaining the actions taken to locate the shipment, and the results of these actions.

Transite, and transite like material are nonfriable. However this brittle material easily releases asbestos during breaking. Because of this, OSHWM requires transite to be labeled and covered with a minimum of 6 inches of solid waste before compaction in an approved landfill.

If the following Category I non-friable asbestos containing material wastes are in good condition and have very little potential of becoming friable during removal, transportation and disposal they are exempted from special handling. These materials include the following:

**asphalt impregnated roofing materials
asphalt-based siding
resilient floor coverings (includes associated mastic)
packing
gaskets**

These Category I nonfriable asbestos containing materials do not require removal prior to demolition. They are not considered special waste and can be disposed of at any

state-approved sanitary landfill as solid waste. No bagging, labeling, special handling, permits, or additional fees are required by this office for their disposal. Category I nonfriable asbestos containing materials in poor condition do not fall under this exemption (materials in poor condition are indicated by peeling, cracking, or crumbling and/or if the material will be or has been made friable by sanding, grinding, cutting, or abrading).

BRIDGE ASBESTOS EXCLUSION

To simplify and save cost on future bridge projects, contractors for all bridge construction and rehabilitation projects should provide the project engineer an asbestos exclusion letter (see attached). It should indicate the following:

I hereby certify that to the best of my knowledge no asbestos-containing material was used as a building material during this project.

Having this statement on file exempts all new construction/renovation projects from future asbestos inspection and abatement. **Please send a copy of this statement to the Environmental Services Section, Division of Pre-Engineering and Environment.**

ASBESTOS EXCLUSION LETTER

Date

**work address of Engineer for
Indiana Department of Transportation**

Att.: _____
Name, Engineer

Re: Asbestos Exclusion

Location/Description _____

Contract Number _____

Bridge Structure Number _____

Contractor's Name _____

Dear Engineer:

I hereby certify that to the best of my knowledge no asbestos containing material was used as a building material in this project.

Very truly yours,

signature of Contractor official

title of Contractor official

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

NOTIFICATION OF DEMOLITION AND RENOVATION OPERATIONS

State Form 44593 (R/3-95)

I. TYPE OF NOTIFICATION (CHECK ONE): Original _____ Revised* _____ Canceled _____ Courtesy _____ <small>*Must include copy of notification which is being revised</small>					
II. FACILITY INFORMATION (identify owner, removal contractor, demolition contractor, inspector, and project designer) Owner: Address: City: _____ State: _____ Zip: _____ Contact: _____ Telephone#: () _____					
Removal Contractor Address: City: _____ State: _____ Zip: _____ Contact: _____ Phone: _____ IN Accred#: _____ Expiration: _____			Demolition Contractor: Address: City: _____ State: _____ Zip: _____ Contact: _____ Phone: _____		
Inspector Address: City: _____ State: _____ Zip: _____ Contact: _____ Phone: _____ IN Accred#: _____ Expiration: _____ Phone: _____			(Required for asbestos projects at schools K-12) Project Designer: Address: City: _____ State: _____ Zip: _____ Contact: _____ Phone: _____ IN Accred#: _____ Expiration: _____ Phone: _____		
III. TYPE OF OPERATION (check one) Renovation: _____ Emergency Renovation: _____ Intentional Burning: _____ Demolition: _____ Ordered Demolition: _____					
IV. IS ASBESTOS PRESENT? (Check one) YES: _____ NO: _____					
V. Procedures, including analytical methods, if appropriate, used to detect the presence and amount of asbestos material					
VI. Approximate Amount of Asbestos (Include Regulated ACM, Category I non-friable Category II non-friable ACM)					
	Regulated ACM to be removed	Non-friable Asbestos Material to be removed		Non-friable Asbestos Material not to be removed before demolition	
		Category I	Category II	Category I	Category II
Pipes (InFt)					
Surface Area (SqFt)					
Total Volume (CuFt) on/off Components					
VII. SCHEDULED DATES OF ASBESTOS STRIPPING/REMOVAL: Start: _____ End: _____					
VIII. SCHEDULED DATES OF RENOVATION: Start: _____ End: _____ DEMOLITION: Start: _____ End: _____					
IX. FACILITY DESCRIPTION (Including building name, floor, and room number) Building Name: Street Address: City: _____ State: _____ County: _____ Location of removal within building: Building Size (SqFt.): _____ # of Floors: _____ Age: _____ Present Use: _____ Prior Use: _____					
X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK, METHODS/TECHNIQUES TO BE USED,					

AFFECTED FACILITY COMPONENTS AND TYPE OF MATERIALS REMOVED:			
XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE SITE; INCLUDING ASBESTOS STRIPPING, REMOVAL AND WASTE HANDLING PROCEDURES TO PREVENT NON-FRIABLE ASBESTOS MATERIAL FROM BECOMING FRIABLE IN THE COURSE OF THE PROJECT:			
XII. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NON-FRIABLE ASBESTOS MATERIAL BECOMES CRUMBLLED, PULVERIZED, OR REDUCED TO POWDER:			
XIII. WASTE TRANSPORTER Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Contact: _____ Phone: _____	WASTE DISPOSAL SITE Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Contact: _____ Phone: _____		
XV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, IDENTIFY THE AGENCY BELOW AND ATTACH A COPY OF THE ORDER TO THIS FORM. Name: _____ Title: _____ Date ordered to begin: _____ Authority: _____ Date of Order: _____			
XVI. FOR EMERGENCY RENOVATIONS: Date and time of emergency _____ Description of sudden, unexpected event: _____ Explanation of how the event caused unsafe conditions or would cause equipment damage: _____			
XVII. I HEREBY CERTIFY THAT THE INFORMATION IN THIS NOTIFICATION IS CORRECT AND THAT I WILL ONLY USE INDIANA ACCREDITED WORKERS AND PROJECT SUPERVISORS, TO IMPLEMENT THIS ASBESTOS PROJECT, WHICH HAVE BEEN TRAINED IN 326 IAC 14-10; 40 CFR PART 61, SUBPART M; AND, IF APPLICABLE, INDIANAPOLIS AIR POLLUTION CONTROL BOARD REGULATION XIII. THE TRAINED INDIVIDUAL(S) ALONG WITH EVIDENCE THAT THE REQUIRED TRAINING WAS ACCOMPLISHED SHALL BE AVAILABLE AT THE JOB SITE DURING ACTUAL WORKING HOURS. <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 60%;"> _____ owner/operator (signature) </div> <div style="width: 35%;"> _____ date </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 60%;"> _____ owner/operator (printed) </div> <div style="width: 35%;"> _____ affiliation </div> </div> <div style="margin-top: 20px;"> *****OFFICE USE ONLY***** </div>			
POSTMARK:	RECEIVED:	REVIEWED BY:	DEFICIENCIES:
OPERATOR #:	NOTIFICATION #:	LOGGED:	CC TO:

ASBESTOS NESHAP INSPECTION AND REMOVAL REQUIREMENTS
FOR DEMOLITION AND RENOVATION PROJECTS

Regulatory Requirements:

1. Owner/operator inspection

Indiana Rule 326 IAC 14-10 and Section 61.145 of the November 20, 1990, Federal Asbestos National Emission Standard for Hazardous Air Pollutants (NESHAP) requires that prior to the commencement of any demolition or renovation operation, the owner or operator of the subject facility thoroughly inspect the affected facility or part of the facility where the operation will occur for the presence of asbestos, including both friable and nonfriable forms of asbestos. All friable asbestos-containing material must be removed from a facility being demolished or renovated before any wrecking or dismantling that would break up the materials or preclude access to the materials for subsequent removal. All asbestos-containing material must be removed before the intentional burning of a facility. Asbestos-containing materials may not be burned. Indiana rule 326 IAC 14-10-4(6)(A) and 329 IAC 2-21-5 (Special Waste) includes the proper labeling, packaging and disposal requirements for asbestos-containing waste.

2. Notification to IDEM of demo/reno operation

Indiana rule 326 IAC 14-10 (Emission Standard for Asbestos; Demolition and Renovation Operations) requires written notification on a form (attached) provided by the IDEM for renovation operations above a certain size and for all demolition operations (even if no asbestos is discovered during the inspection). Also attached is an IDEM Guidance Document for preparing the notification form. 326 IAC 14-10 also requires that certain emission control procedures/work practices be followed (such as adequate wetting of the asbestos-containing materials) to ensure safe asbestos removal. Demolition/renovation notification fees are assessed quarterly to owners/operators submitting notifications during the previous quarter. Fees range from \$50 to \$150 per project; determined by the type of project and amount of asbestos-containing material involved. Fees are assessed even if no asbestos is involved in a demolition project.

3. Use of IDEM accredited personnel

Indiana rule 326 IAC 18-3 (Accreditation; Asbestos Removal Personnel) requires that persons who inspect for asbestos-containing material at a facility subject to 326 IAC 14-10 be accredited by holding a current certificate of accreditation issued by the commissioner of IDEM. This rule also requires that only accredited asbestos removal contractors, project supervisors, and workers be employed on asbestos removal projects at facilities covered by 326 IAC 14-10. Listings of accredited persons and asbestos removal contractors are periodically updated by IDEM's Office of Air Management and disseminated upon request.

4. Regulated facilities

Facilities covered by 326 IAC 14-10 are institutional, commercial, public, industrial or residential structures, installations, or buildings (excluding apartment buildings and privately owned homes with no more than four dwelling units and will not be demolished by intentional burning). Examples of subject facilities are (but not limited to): bridges; tunnels; military installations, including dependent housing; chemical/power plant installations; indoor shopping malls; homes which are part of an urban renewal project; a highway construction project, or other public or private commercial development projects; groups of residential buildings under the control of the same owner or operator and part of the same demolition or renovation project

(even if the homes are not proximate to each other); structures undergoing partial demolition; churches; amusement parks or State fairgrounds; jails/prisons; nursing homes; parking garages; and certain commercial farm structures.

5. Exempt structures

Small constructions such as livestock barns, outhouses, vegetable/fruit stands, prefab sheds, smokehouses, and similar structures may not be considered structures as defined by the NESHAP regulation. Such constructions are not subject to the NESHAP if they meet **ALL** of the following criteria:

“The construction must contain only materials such as wood, stone, brick, metal, and glass.”

The construction **cannot** have improvements (water, sewer, electricity, etc....)and **cannot** contain any suspect asbestos-containing materials that have been used as insulation or for acoustical or decorative purposes. Such materials are generally located on plumbing, heating and air-conditioning systems, sprayed or trowelled-on ceilings including ceiling tiles, interior sheetrock walls and ceilings, multi-layer floors with floor tile or linoleum coverings, interior or exterior transite siding or roll roofing materials that may contain asbestos felts or asbestos shingles located on the roof and/or exterior walls.

If a construction meets these criteria, the inspection requirement and notification provision of the NESHAP asbestos regulation is not applicable. Therefore, the owner/operator would not have to be an Indiana accredited asbestos inspector by the IDEM. Keep in mind that either the owner or operator would make sure the construction did meet the above criteria prior to any live burn training exercise.

6. Contacts for additional information

If you are uncertain whether the NESHAP regulation applies to any construction which you wish to burn, please contact the Office of Air Management at (317) 232-8220 or 232-8416. **Demolition of a structure by intentional burning without a prior asbestos inspection and notification may be NESHAP applicable and could result in an enforcement case and assessment of civil penalties (fines) against the owner and operator.**

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT NOTIFICATION OF DEMOLITION AND RENOVATION OPERATIONS

INSTRUCTIONS:

The attached form must be used to meet notice requirements pursuant to Indiana Rule 326 IAC 14-10. The form may also be used to meet notification requirements pursuant to: Indianapolis Air Pollution Control Board (IAPCB) Regulation XIII, (for projects in Indianapolis/Marion County, Indiana). Provide written notice of intent to demolish or renovate according to the notification schedules indicated below and update such notice as necessary, **including** when the amount of affected asbestos-containing material changes. **In no event** shall stripping, removal, or demolition activities begin on a date other than the date given in the most recent notification. Failure to provide a timely and/or complete notification is a violation of state, federal, and local regulations and may result in an enforcement action. Per 326 IAC 14-10-5, demolition/renovation fees will be assessed quarterly to owners/operators submitting notifications during the previous quarter.

NOTIFICATION SCHEDULES:

PURSUANT TO 326 IAC 14-10-3 AND IAPCB REGULATION XIII:

Demolition Projects: All regulated demolition projects which includes facilities with no asbestos = 10 working days prior to the wrecking or taking out of any load supporting structural member.

“WORKING DAY” means Monday through Friday and includes holidays that fall on any of the days Monday through Friday.

Renovation Projects: ≥ 260 LnFt, 160 SqFt, or 35 CuFt = 10 working days prior to asbestos removal project.

<260 LnFt, 160 SqFt, or 35 CuFt = notification not required

MARION COUNTY ONLY: ≥ 25 LnFt, 15 Sqft, or 35 CuFt = 10 working days prior to asbestos removal.

Ordered Demolitions: As early as possible before demolition begins.

MARION COUNTY ONLY: Also notify Division in person or by telephone before removal begins.

Emergency Renovations: As early as possible before asbestos stripping or removal begins.

MARION COUNTY ONLY: Also notify Division in person or by telephone before removal begins.

Revised Start Date: All revisions **must** include a copy of the notification being revised. If a demolition, including demolitions with no asbestos, will begin on a date **later** than the date specified in the original or the most recent revised notification, written notice of the new demolition start date must be postmarked at least 5 working days or delivered at least 2 working days before the start date of demolition specified in the notification that is being revised.

If a demolition will begin on a date **earlier** than the date specified in the original or the most recent revised notification, written notice of the new demolition start date must be postmarked at least 10 working days before the start of demolition.

When the stripping or removal of asbestos-containing material in a demolition or renovation operation involving the stripping or removal of at least 260 LnFt, 160 SqFt, or 25 CuFt of RACM (Marion County only, 25 LnFt, 14 SqFt, or 35 CuFt), will begin on a date **later** than the date specified in the original or most recent revised notification, provide written notice of the new start date postmarked at least 5 working days or delivered 2 working days before the start date of asbestos stripping or removal specified in the notification that is being revised.

When the stripping or removal of asbestos-containing material in a demolition or renovation operation involving the stripping or removal of at least 260 LnFt, 160 SqFt, or 35 CuFt of RACM (Marion County only, 25 LnFT, 15 SqFt, or 35 CuFt) will begin on a date **earlier** than the date specified in the original or most recent revised notification, provide written notice of the new start date postmarked or delivered at least 10 working days before the start date of asbestos stripping or removal work begins.

MARION COUNTY ONLY: Notify Division in person or by telephone prior to removal of any friable asbestos, stating cause for the change and anticipated removal dates; and submit revised notice within 5 days.

MAIL OR DELIVER THE NOTICE TO :

1. **State of Indiana:**

Indiana Dept. of Environmental Management
Office of Air Management
100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015

2. **For Operations Implemented in Indianapolis/Marion County, ALSO submit to:**

Environmental Resources Management Division
2700 South Belmont Avenue
Indianapolis, Indiana 46221

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
GUIDANCE FOR PREPARING ASBESTOS
DEMOLITION/RENOVATION NOTIFICATIONS**

**** Per Indiana Rule 326 IAC 14-10-3(1) , all notifications to the IDEM MUST be submitted on State Form Number 44593 (R/3-95)**

Per 326 IAC 14-10-5, demolition/renovation fees will be assessed quarterly to owners/operators submitting notifications during the previous quarter.

I. **Type of Notification - 326 IAC 14-10-3(4)**

- A. If this is the original notice, please check the appropriate space on the notification form.
- B. If this is a revised notice, please check the appropriate space on the notification form. The revised notice must be postmarked and sent by certified mail, return receipt requested, at least 5 working days or delivered at least 2 working days before the start date of asbestos stripping or removal specified in:
 - 1. the notice being revised and
 - 2. the new revised notice.Facsimiles will be accepted by the IDEM.
- C. All revisions must include a copy of the notice being revised.
- D. If this is a canceled notice, please check the appropriate space on the notification form.
- E. Courtesy Notification

II. **Facility Information - 326 IAC 14-10-3(3)(B) and (R)**

- A. Either the owner or operator must submit the notice

- B. The owner means the individual(s) who own the property or lease the property.
 - C. The operator means the asbestos removal contractor or demolition contractor.
 - D. Specify the name, address, telephone number, Indiana accreditation number and accreditation expiration date, of the:
 - 1. asbestos removal contractor
 - 2. inspector who conducted the assessment prior to demolition or renovation, and
 - 3. project designer required for asbestos projects at schools K-12, or if project designer is used for non-school projects must be accredited.
- III. Type of Operation - 326 IAC 14-10-3(3)(C), (O) and (S)
- A. Refer to the definitions of demolition, renovation, and emergency renovation operations in 326 IAC 14-10-2.
 - B. Ordered demolitions and emergency renovation operations have additional notification requirements. Owner/operator must also complete Section XV or XVI of notification form.
 - C. Demolition by intentional burning must comply with an approved Variance from the Open Burning regulation 326 IAC 4-1.
- IV. Is Asbestos Present? - Required by Federal 40 CFR Part 61, Subpart M.
- A. If asbestos is present, indicate "yes" in the space provided.
 - B. If asbestos is not present, indicate "no".
- V. Procedures, Including Analytical Methods, If Appropriate, Used to Detect the Presence and Amount of Asbestos Material - 326 IAC 14-10-3(3)(E).
- Describe how the asbestos was detected and, if samples were analyzed, specify the analytical method. Procedures could include estimating the amount of friable asbestos visually during a walk-through inspection using a tape measure, blueprints, or pacing. Analytical methods could include the collection of samples and sample analyses by a polarized light microscope with dispersion staining.
- For samples that test under 10% asbestos content: An owner or operator may
- 1. elect to assume material to be greater than 1% asbestos, or
 - 2. require verification by point counting in which the point counting result will supersede the visual estimation. Both choice and result should be stated on the notice when a sample is under 10% asbestos.
- VI. Approximate Amount of Asbestos to be Removed - 326 IAC 14-10-3(3)(F).
- A. Specify the amount of regulated (friable) asbestos-containing material to be removed as follows:
 - 1. linear feet on pipes
 - 2. square feet (surface area) on other facility components, **and**
 - 3. total cubic feet (volume) on or off all facility components. (All reported regulated amounts must be converted to cubic feet).
 - B. Estimate the approximate amount of Category I and Category II non-friable asbestos-containing material in the affected part of the facility that will be removed before demolition.
 - C. Estimate the approximate amount of Category I and Category II non-friable asbestos-containing material in the affected part of the facility that will not be removed before demolition.

- VII. Scheduled Dates of Asbestos Stripping/Removal - 326 IAC 14-10-3(3)(H).
This means the actual start and end dates of the asbestos stripping or removal.
- VIII. Scheduled Dates of Demolition/Renovation - 326 IAC 14-10-3(3)(I) and (J).
This means the starting and ending dates of the total demolition or renovation operation. For example: A renovation project may be scheduled from February 1 through March 15, 1995, however the actual asbestos removal will occur from February 15 through February 20, 1995, Demolition **must** start on date given in most recent notification.
- IX. Facility Description - 326 IAC 14-10-3(3)(D) and (G).
Including the building name, floor and number of the room(s) where the asbestos stripping or removal will take place. Provide enough detail that an unfamiliar inspector can find the asbestos project without asking anyone.
- X. Description of Planned Demolition or Renovation Work, Methods/Techniques to be Use, and Affected Facility Components - 326 IAC 14-10-3(3)(K).
Briefly describe the methods to be used to conduct the demolition or renovation. For renovations, these methods may include gross removal, glove bag removal, hand stripping or scraping. For demolitions, methods may include a wrecking ball, bulldozer, dynamite, or unbolting panels or sections and carefully lowering to the ground. Affected facility components may include pipe wrap, floor tile, sprayed-on insulation, transite, etc.
- XI. Description of Work Practices and Engineering Controls to be Used to Prevent Emissions of Asbestos at the Site, Including Asbestos Stripping, Removal, and Waste Handling Procedures and the Procedures to Prevent Non-Friable Asbestos Material from Becoming Friable in the Course of the Project - 326 IAC 14-10-3(3)(L).
A. Examples of work practices and engineering controls to prevent asbestos emissions at the site would include: the use of water or wetting agents, containments, and negative air units during removal; placing into leak-tight containers or wrapping with 6 mil thick polyethylene plastic sheeting which is properly labeled prior to disposal, etc.
B. Examples of removal and waste handling procedures to prevent non-friable material from becoming friable would include: removing by sections or units taking care not to crumble, pulverize, or reduce to powder, using water to prevent any emissions, placing into leak-tight containers or wrapping with six (6) mil thick plastic which is properly labeled prior to disposal (including name of waste generator and location at which the waste was generated), etc.
- XII. **Description of Procedures to be Followed in the Event that Unexpected Asbestos is Found or Previously Non-Friable Asbestos Material Becomes Crumbled, Pulverized or Reduced to Powder - 326 IAC 18-3 and 326 IAC 14-10-3(3)(M).
A. If the amount of unexpected asbestos or previously non-friable asbestos material is > 3 linear feet on pipes, 3 square feet on other facility components, or a total of 0.75 cubic feet on or off all facility components, then an accredited contractor (unless in-house accredited personnel) with accredited personnel must implement the asbestos removal project in accordance with the requirements of 326 IAC 14-10.
B. Pursuant to 326 IAC 14-10, a revised demolition/renovation notification must also be submitted to the IDEM and USEPA Region V which reflects the change

in the amount of affected asbestos-containing material. The revised notice must also reflect the new asbestos removal start date, if applicable.

****Required by 40 CFR Part 61, Subpart M**

XIII. Waste Transporter - 326 IAC 14-10-3(3)(T).

Provide the name, address, and telephone number of only the asbestos waste transporter. This should include the waste transporter name, street address, city, state, zip code, contact person, and telephone number.

XIV. Waste Disposal Site - 326 IAC 14-10-3(3)(N).

Provide the name and location of the sanitary landfill where the asbestos-containing waste materials will be disposed. This should include the name, street address, city, state, zip code, waste disposal site contact person, and telephone number.

XV. If Demolition Ordered by a Governmental Agency, Identify the Agency and Attach a Copy of the Order - 326 IAC 14-100-3(3)(O).

A. Provide the name, title, and authority of the state or local governmental representative who has ordered the demolition.

B. The authority is the applicable state or local regulation under which the demolition order has been issued.

C. Attach a copy of the demolition order to the notice.

XVI. Emergency Renovations -s 326 IAC 14-10-3(3)(S).

A. Specify:

1. the date and hour that the emergency occurred,
2. a description of the sudden, unexpected event, and
3. an explanation of how the event has caused emergency conditions.

B. An “emergency renovation operation” is a renovation operation that was not planned but results from a sudden, unexpected event. This term includes operations necessitated by non-routine failures of equipment.

XVII. Certification Statement and Signature by Owner/Operator - 326 IAC 14-10-3(3)(O) and (P).

Self-explanatory.

ASBESTOS WASTE SHIPMENT/DISPOSAL RECORD

GENERATOR												
1. WORK SITE Name: Mailing: Address: Location:		2. OWNER Name: Mailing: Address: Phone:										
3. OPERATOR/CONTRACTOR Name: Mailing: Address:		4. AUTHORIZED AGENT Name: Phone:										
WASTE												
5. WASTE DISPOSAL SITE (WDS) Name: Mailing: Address: Location:		6. ORIGIN OF WASTE County: State: 7. RESPONSIBLE AGENCY Name: Address:										
Phone:		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center; padding: 5px;">9. Containers</th> <th style="text-align: center; padding: 5px;">10. Total Quantity</th> </tr> <tr> <th style="text-align: center; padding: 5px;">number</th> <th style="text-align: center; padding: 5px;">type</th> <th style="text-align: center; padding: 5px;">CuFt. CuYds. Lbs tons</th> </tr> </thead> <tbody> <tr> <td colspan="3" style="height: 40px;"></td> </tr> </tbody> </table>		9. Containers		10. Total Quantity	number	type	CuFt. CuYds. Lbs tons			
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number	type	CuFt. CuYds. Lbs tons										
8. DESCRIPTION: R.Q., ASBESTOS, NA2212 SHIPPING NAME: RQ., ASBESTOS, NA2212, 9, P.G.III		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center; padding: 5px;">number</th> <th style="text-align: center; padding: 5px;">type</th> <th style="text-align: center; padding: 5px;">CuFt. CuYds. Lbs tons</th> </tr> </thead> <tbody> <tr> <td colspan="3" style="height: 40px;"></td> </tr> </tbody> </table>		number	type	CuFt. CuYds. Lbs tons						
number	type	CuFt. CuYds. Lbs tons										
11. SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION EMERGENCY RESPONSE PHONE NUMBER:												
12. OPERATOR'S CERTIFICATION I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.												
<table style="width: 100%;"> <tr> <td style="width: 30%; border-bottom: 1px solid black;">Name (printed or typed)</td> <td style="width: 20%; border-bottom: 1px solid black;">Title</td> <td style="width: 30%; border-bottom: 1px solid black;">Signature</td> <td style="width: 20%; border-bottom: 1px solid black;">Date (MM/DD/YY)</td> </tr> </table>				Name (printed or typed)	Title	Signature	Date (MM/DD/YY)					
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13. TRANSPORTERS <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> TRANSPORTER #1 Name: Address: Phone: <div style="border-top: 1px solid black; margin-top: 10px;">Name (printed or typed)</div> <div style="border-top: 1px solid black; margin-top: 10px;">Signature</div> </td> <td style="width: 10%; text-align: center; vertical-align: middle;">acknowledgment of receipt of materials)</td> <td style="width: 40%; vertical-align: top;"> TRANSPORTER #2 Name: Address: Phone: <div style="border-top: 1px solid black; margin-top: 10px;">Name (printed or typed)</div> <div style="border-top: 1px solid black; margin-top: 10px;">Signature</div> </td> </tr> </table>				TRANSPORTER #1 Name: Address: Phone: <div style="border-top: 1px solid black; margin-top: 10px;">Name (printed or typed)</div> <div style="border-top: 1px solid black; margin-top: 10px;">Signature</div>	acknowledgment of receipt of materials)	TRANSPORTER #2 Name: Address: Phone: <div style="border-top: 1px solid black; margin-top: 10px;">Name (printed or typed)</div> <div style="border-top: 1px solid black; margin-top: 10px;">Signature</div>						
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WASTE DISPOSAL SITE												
14. DISCREPANCY INDICATION SPACE												
15. CERTIFICATION OF RECEIPT I hereby certify that the above named material has been accepted and that to the best of my knowledge the foregoing is true except noted above.												
<table style="width: 100%;"> <tr> <td style="width: 30%; border-bottom: 1px solid black;">Name (printed or typed)</td> <td style="width: 20%; border-bottom: 1px solid black;">Title</td> <td style="width: 30%; border-bottom: 1px solid black;">Signature</td> <td style="width: 20%; border-bottom: 1px solid black;">Date (MM/DD/YY)</td> </tr> </table>				Name (printed or typed)	Title	Signature	Date (MM/DD/YY)					
Name (printed or typed)	Title	Signature	Date (MM/DD/YY)									

INSTRUCTIONS

NOTE: THIS FORM FULFILLS BOTH FEDERAL AND STATE NOTIFICATION REQUIREMENTS FOR DISPOSAL OF ASBESTOS CONTAINING WASTE MATERIAL.

1. Enter the name and address of the *facility* at which at which asbestos waste is generated.
2. Enter the name of the *owner* of the facility, and the name and phone number of a contact person.
3. Enter the name, address, and phone number of the *company* responsible for performing the asbestos removal.
4. Enter the name and phone number of the *authorized agent* of the company responsible for performing the asbestos removal.
5. Enter the name, address, physical site location, and phone number of the *waste disposal site*. Enter "on-site" if the waste will be disposed of on the generator's property.
6. Enter the county and state of the *facility* from which the waste was removed.
7. Provide the name and address of the local, state or EPA regional office responsible for administering the asbestos *NESHAP program*. For Indiana, the *responsible agency* is: **Indiana Department of Environmental Management, Office of Air Management, P.O. Box 6015, 100 North Senate, Indianapolis, IN. 46206-6015, Phone # 317/232-8373.**
8. Indicate the types of asbestos waste materials generated. If from a demolition or renovation, indicate the amount of asbestos that is *Friable* and *Nonfriable*.
9. Enter the number of *containers* used to transport the asbestos materials listed in item 8. Also enter one of the following container codes: *DM* (metal drums/barrels), *DF* (fiber drums/barrels), *DP* (plastic drums/barrels), *BA* (6 mil plastic bags/wrapping). If none of these apply, specify what was used in transporting each type of asbestos material.
10. Enter the *quantities* of each type of asbestos material removed in units of cubic feet, cubic yards, pounds, or tons. Indicate which units are used.
11. Enter any *special transportation, treatment, storage, disposal, or Bill of Lading* information. If an *alternate waste disposal site* is designated, note it here. Emergency response telephone numbers or similar information may be noted here.
12. Enter the name and title of the *authorized agent* of the waste generator who must then read, sign, and date this certification. The date is the date of the receipt by the transporter.

NOTE: THE GENERATOR MUST RETAIN A COPY OF THIS FORM. IF A COMPLETED COPY IS NOT RECEIVED WITHIN 35 DAYS OF ACCEPTANCE OF THE WASTE BY THE INITIAL TRANSPORTER, THE TRANSPORTER AND/OR THE WDS MUST BE CONTACTED. IF A COMPLETED COPY IS NOT RECEIVED WITHIN 45 DAYS, A WRITTEN *EXCEPTION REPORT* MUST BE SENT TO THE RESPONSIBLE AGENCY.

13. Enter the name, address and telephone number of each *transporter* used (if applicable). Print or type the full name and title of the person accepting responsibility and acknowledging receipt of materials as listed on this waste shipment record for transport.

The responsible party must then sign and date the document. The date is the date of receipt.

NOTE: THE TRANSPORTER MUST RETAIN A COPY OF THIS FORM

14. The authorized representative of the *waste disposal site* (WDS) must note here *any discrepancy* between waste described on this manifest and waste actually received (i.e. number of containers listed different from number received, or improperly enclosed or contained waste). Any rejected materials should be listed and destination of those materials provided. A site that converts asbestos-containing waste material to non-asbestos material is considered a WDS. **NOTE:** The WDS should contact the generator to determine the reason for any discrepancies noted and include the reasons in this section. If a reasonable explanation is not found within fifteen (15) days, the WDS must send a written discrepancy report to the *responsible agency*. If significant amounts of improperly enclosed waste are discovered, the WDS must file a written report describing the problem to the *responsible agency* within one (1) working day. If the *responsible agency* at the generator site is different from that at the disposal site, any reports must go to both agencies.
15. Enter the name and title of the *authorized agent* of the WDS who must then sign this document as an indication of his or her acceptance and agreement with statements on this manifest except as noted in item 14. The date is the date of signature and receipt of shipment.

NOTE: THE WDS MUST RETAIN A COMPLETED COPY OF THIS FORM AND SEND A COMPLETED COPY TO THE OPERATOR LISTED IN ITEM THREE (3) AND THE GENERATOR LISTED IN ITEM TWO (2) WITHIN THIRTY (30) DAYS OF THE ACCEPTANCE OF THE WASTE BY THE INITIAL TRANSPORTER.

Special Waste Disposal Sites



Indiana Special Waste Disposal Sites

Facility ID #	Facility Name	County Name	Waste Type	Restriction	Phone #
03-03	Bartholomew County Landfill	Bartholomew	SpAP	-	812/376-2614
63-04	Blackout RDF	Pike	SpAP	-	812/789-2647
73-01	Caldwell Landfill	Shelby	H SpAP	-	317/763-1238
02-C	Chemical Waste Mgmt.	Allen	SpAP	-	219/447-5585
25-03	County Line Landfill	Fulton	SpAP	-	219/892-6483
16-03	Decatur Hills Landfill	Decatur	SpAP	-	812/663-6703
46-01	Deercroft RDF	LaPorte	SpAP	-	219/879-4653
20-03	Earthmovers Landfill	Elkhart	SpAP	-	219/875-5232
20-04	Elkhart County Landfill	Elkhart	SpAP	-	219/522-2581
33-01	Hayes Landfill	Henry	SpAP	-	317/529-2337
38-01	Jay County Landfill	Jay	SpAP	-	219/726-2871
82-02	Laubscher Meadows Landfill	Vanderburgh	SpAP	-	812/963-4690
91-04	Liberty Landfill	White	SpAP	-	219/278-7139
12-01	Montgomery Landfill	Clinton	SpAP	-	317/654-8144
02-02	National Serv-All Landfill	Allen	SpAP	R	317/248-4117
89-02	New Paris Pike Landfill	Wayne	SpAP	-	317/983-7440
56-05	Newton County Landfill	Newton	SpAP	-	219/394-2808
09-02	Oak Ridge RDF	Cass	SpAP	-	219/722-5771
71-02	Prairie View RDF	St. Joseph	SpAP	-	219/546-4475
68-01	Randolph Farms Landfill	Randolph	SpAP	-	317/853-5714

43-01	Ransbottom Landfill	Kosciusko	SpAP	R	219/839-0300
36-01	Rumpke (Medora) Landfill	Jackson	SpAP	R	812/966-2017
49-01	Southside Landfill	Marion	SpAP	-	317/247-6808
32-02	Twin Bridges RDF	Hendricks	SpAP	-	317/745-2878
84-02	Victory Environmental-Yaw Hill	Vigo	SpAP	R	812/299-9227
85-01	Wabash Valley Landfill	Wabash	SpAP	R	219/563-8479
83-08	West Clinton Landfill	Vermillion	SpAP	R	317/832-0136
28-02	Worthington Landfill	Greene	SpAP	R	812/875-2545

- Sp: Landfills that may accept special waste which has been certified as such by the IDEM.
- A: Landfills that have a Variable Source Asbestos Approval and can accept properly packaged asbestos. Additional permits are not necessary for normal asbestos disposal at these landfills, but asbestos disposal notification forms are required.
- P: Landfills that are pre-approved to accept contaminated soils and cleanup debris from the spill or leaking of diesel oil, fuel oil, asphalt, oils not containing PCB's, hydraulic fluid, jet fuel, kerosene, and gasoline. No additional permits are needed, but petroleum spill disposal notification forms are required.
- H: Permitted hazardous waste disposal facility. Special wastes may be disposed without prior approval.
- R: This landfill may be operating cells with more than one type of cell design; however, special waste may be disposed of in cells meeting 329 IAC 2 or Subtitle D standards only, unless written approval has been obtained from the IDEM on a case-by-case basis, such approval will be indicated under the special conditions portion on the generator's Special Waste Certification.